

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0276456  
APS ID 1047633  
Authorization ID 1369313

**Applicant, Facility and Project Information**

Applicant Name	<u>Scott Petersen</u>	Facility Name	<u>Scott Petersen SRSTP</u>
Applicant Address	<u>9 Paige Trail</u> <u>Perkasie, PA 18944</u>	Facility Address	<u>6795 Passer Road</u> <u>Coopersburg, PA 18039</u>
Applicant Contact	<u>Scott Petersen</u>	Facility Contact	<u>Scott Petersen</u>
Applicant Phone	<u>(215) 407-4064</u>	Facility Phone	<u>(215) 407-4064</u>
Client ID	<u>365484</u>	Site ID	<u>848862</u>
SIC Code	<u>4952</u>	Municipality	<u>Upper Saucon Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Lehigh</u>
Date Application Received	<u>May 7, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>May 7, 2021</u>	WQM App. No.	<u>3921402</u>
Project Description	<u>New NPDES permit for discharge from a SRSTP.</u>		

**Summary of Review**

The applicant requested a new SRSTP NPDES permit for discharge of 0.0004 MGD of treated sewage to Tributary 3368 to Tumble Brook, a CWF/MF designated receiving stream in State Water Plan Basin 02-C (Lower Lehigh River). As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use. The SRSTP will replace an existing malfunctioning on-lot disposal system.

The design of the proposed SRSTP is not consistent with the Department's *Small Flow Treatment Facilities Manual* (doc. No. 362-0300-002) due to the proposed coco filter media, therefore, the permittee is not eligible for a PAG-04 general permit. The PAG-04 general permit expired on May 11, 2019 and has yet to be renewed.

Water quality modeling was not performed. All monitoring parameters and limitations from the PAG-04 permit are included in this permit. BOD<sub>5</sub> and TSS both have annual average limitations of 10.0 mg/L and IMAX limitations of 20.0 mg/L and are to be sampled at least once per year. Fecal coliform has a year-round 200 No./100mL annual average limitation and is to be sampled once per year. A note is added under the Part A effluent limitation table requiring the samples for Fecal Coliform to be taken between June 1 and August 31 each year. pH must be between 6.0 S.U. and 9.0 S.U. at all times and is to be sampled for once per year. The treatment plant will utilize ultraviolet light for disinfection so the sampling frequency for TRC was updated to "daily when discharging". The permittee will have to sample for TRC only when using chlorine for cleaning the treatment system or if utilizing chlorine for back-up disinfection (see Part C.I.D.).

The Annual Maintenance Report (AMR) that's to be issued with the final permit shall be used to record the monitoring results. Discharge Monitoring Reports (DMRs) will not be sent with the final permit.

The applicant applied for a Water Quality Management permit for the construction of the small flow treatment facility to serve the new house (WQM application 3921402). The SRSTP will contain primary treatment via 1,500-gallon septic tank and secondary treatment via EC-7 500 coco filter and UV disinfection. After the filter, effluent will then flow into the pump

Approve	Deny	Signatures	Date
X		<i>Brian Burden</i> Brian Burden, E.I.T. / Project Manager	September 24, 2021
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Environmental Engineer Manager	9-28-21

**Summary of Review**

chamber which will pump the effluent through an ultraviolet light disinfection system before final discharge into the receiving stream via 4" discharge pipe.

Act 537 planning approval for the discharge was sent to the permittee in a letter dated April 23, 2021.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

